Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060524\
Data File : VU059159.D
Acq On : 05 Jun 2024 19:38
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jun 06 03:48:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 06 03:28:28 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	i	Fluorobenzene	1.000	1.000	0.0	103	0.00
2	T	Dichlorodifluoromethane	10.000	9.602	4.0	97	0.00
3	t	Chloromethane	10.000	9.440	5.6	100	0.00
4	Rt	Vinyl Chloride	10.000	9.620	3.8	100	0.00
5	T	Bromomethane	10.000	8.848	11.5	98	0.00
6	T	Chloroethane	10.000	9.396	6.0	102	0.00
7	T	Trichlorofluoromethane	10.000	8.874	11.3	99	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.659	3.4	102	0.00
9	Rt	1,1-Dichloroethene	10.000	9.523	4.8	100	0.00
10	t	Iodomethane	10.000	11.438	-14.4	103	0.00
11	t	Allyl Chloride	10.000	9.775	2.2	100	0.00
12	t	Acrylonitrile	20.000	23.215	-16.1	113	0.00
13	T	Acetone	50.000	25.758	48.5#	59	0.00
14	T	Carbon Disulfide	10.000	9.442	5.6	98	0.00
15	RT	Methylene Chloride	10.000	9.696	3.0	111	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.922	0.8	101	0.00
17	t	1,1-Dichloroethane	10.000	9.784	2.2	102	0.00
18	T	2-Butanone	50.000	38.998	22.0	84	0.00
19		Cyclohexane	10.000	10.520	-5.2	98	0.00
20		Methylcyclohexane	10.000	10.644	-6.4	97	0.00
21	T	2,2-Dichloropropane	10.000	8.755	12.4	89	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.343	-3.4	101	0.00
23	t	Diethyl Ether	10.000	9.773	2.3	105	0.00
24	t	tert-Butyl Alcohol	100.000	97.343	2.7	115	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.899	-9.0	106	0.00
26	t	Bromochloromethane	10.000	10.326	-3.3	103	0.00
27	t	Chloroform	10.000	9.615	3.8	100	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.913	0.9	101	0.00
29	T	1,1-Dichloropropene	10.000	10.501	-5.0	102	0.00
30	RT	Carbon Tetrachloride	10.000	9.857	1.4	100	0.00
31	t	Isopropyl Ether	10.000	10.519	-5.2	101	0.00
32		Ethyl-t-butyl ether	10.000	10.857	-8.6	103	0.00
33		Tert-Amyl methyl ether	10.000	11.180	-11.8	106	0.00
34	t	Propionitrile	50.000	55.129	-10.3	113	0.00
35	RT	Benzene	10.000	10.136	-1.4	102	0.00
36	RT	1,2-Dichloroethane	10.000	10.216	-2.2	104	0.00
37	RT	Trichloroethene	10.000	9.890	1.1	102	0.00
38	Rt	1,2-Dichloropropane	10.000	10.067	-0.7	101	0.00
39	t	Methacrylonitrile	10.000	11.311	-13.1	106	0.00
40	t	Methyl acrylate	10.000	11.286	-12.9	106	0.00
41	t	Tetrahydrofuran	20.000	22.501	-12.5	115	0.00
42	t	1-Chlorobutane	10.000	10.513	-5.1	100	0.00
43	T	Dibromomethane	10.000	10.420	-4.2	105	0.00
44	T	Bromodichloromethane	10.000	10.146	-1.5	103	0.00
45	T	4-Methyl-2-Pentanone	50.000	59.007	-18.0	114	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	22.961	-14.8	118	0.00
47	t	Methyl methacrylate	20.000	24.172	-20.9	110	0.00
48	t	Ethyl methacrylate	10.000	12.021	-20.2	107	0.00
49	Rt	Toluene	10.000	10.800	-8.0	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.737	-7.4	102	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.381	-3.8	101	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.250	-2.5	108	0.00
53	t	1,3-Dichloropropane	10.000	10.627	-6.3	107	0.00
54	t	2-Hexanone	50.000	43.697	12.6	100	0.00
55	t	Dibromochloromethane	10.000	10.403	-4.0	104	0.00
56	T	1,2-Dibromoethane	10.000	10.515	-5.2	107	0.00
57	S	4-Bromofluorobenzene	1.000	1.005	-0.5	101	0.00
58	RT	Tetrachloroethene	10.000	9.877	1.2	103	0.00
59	Rt	Chlorobenzene	10.000	10.296	-3.0	101	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.918	0.8	100	0.00
61	t	Pentachloroethane	10.000	9.685	3.1	98	0.00
62	t	Hexachloroethane	10.000	10.468	-4.7	99	0.00
63	Rt	Ethyl Benzene	10.000	11.118	-11.2	101	0.00
64	RT	m/p-Xylenes	20.000	22.656	-13.3	100	0.00
65	RT	o-Xylene	10.000	10.919	-9.2	100	0.00
66	RT	Styrene	10.000	9.650	3.5	101	0.00
67	t	Bromoform	10.000	10.737	-7.4	108	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.032	-3.2	108	0.00
69	T	Isopropylbenzene	10.000	11.125	-11.3	99	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.853	-8.5	109	0.00
71	T	1,2,3-Trichloropropane	10.000	11.380	-13.8	124	0.00
72	t	Bromobenzene	10.000	10.706	-7.1	102	0.00
73	t	n-propylbenzene	10.000	9.543	4.6	99	0.00
74	t	2-Chlorotoluene	10.000	10.750	-7.5	99	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.503	5.0	100	0.00
76	t	4-Chlorotoluene	10.000	10.844	-8.4	98	0.00
77	t	tert-Butylbenzene	10.000	10.966	-9.7	99	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.497	5.0	99	0.00
79	t	sec-Butylbenzene	10.000	9.430	5.7	98	0.00
80		Nitrobenzene	50.000	50.930	-1.9	103	0.00
81	t	p-Isopropyltoluene	10.000	9.460	5.4	97	0.00
82	t	1,3-Dichlorobenzene	10.000	10.285	-2.9	99	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.281	-2.8	98	0.00
84	t	n-Butylbenzene	10.000	9.336	6.6	94	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.620	-6.2	102	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.975	-19.7	111	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.303	-13.0	98	0.00
88	t	Hexachlorobutadiene	10.000	10.391	-3.9	97	0.00
89	t	Naphthalene	10.000	11.799	-18.0	102	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.869	-18.7	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0